

Hebbestad

Line 678

8-23-68

TAS 3084-14

T.H. 280

FRANKLIN AVE. TO N.P.R.R. BR.

S.P. 6242 - 17

AUGUST 1968

**OFFICE OF
TRANSPORTATION SYSTEM PLANNING**

MINNESOTA HIGHWAY DEPARTMENT



Office Memorandum

DEPARTMENT HIGHWAY

TO : Paul G. Velz
Road Design Engineer

FROM : Leon F. Bergmann, Acting Chief
Traffic Analysis Section

SUBJECT: T.H. 280, S.P. 6242-17
Franklin Ave. to N.P. R.R. Br.
TAS 3084-14

DATE: August 26, 1968

The Traffic Analysis Section transmits this report in response to R.T. Peterson's June 11, 1968 request for 1992 ADT and HCA DT for the project location shown on page 2.

For each numbered segment on page 3, the following data are tabulated on pages 4-5.

- a) Total ADT
- b) Vehicle Type Distribution
- c) Total Heavy Commercial ADT

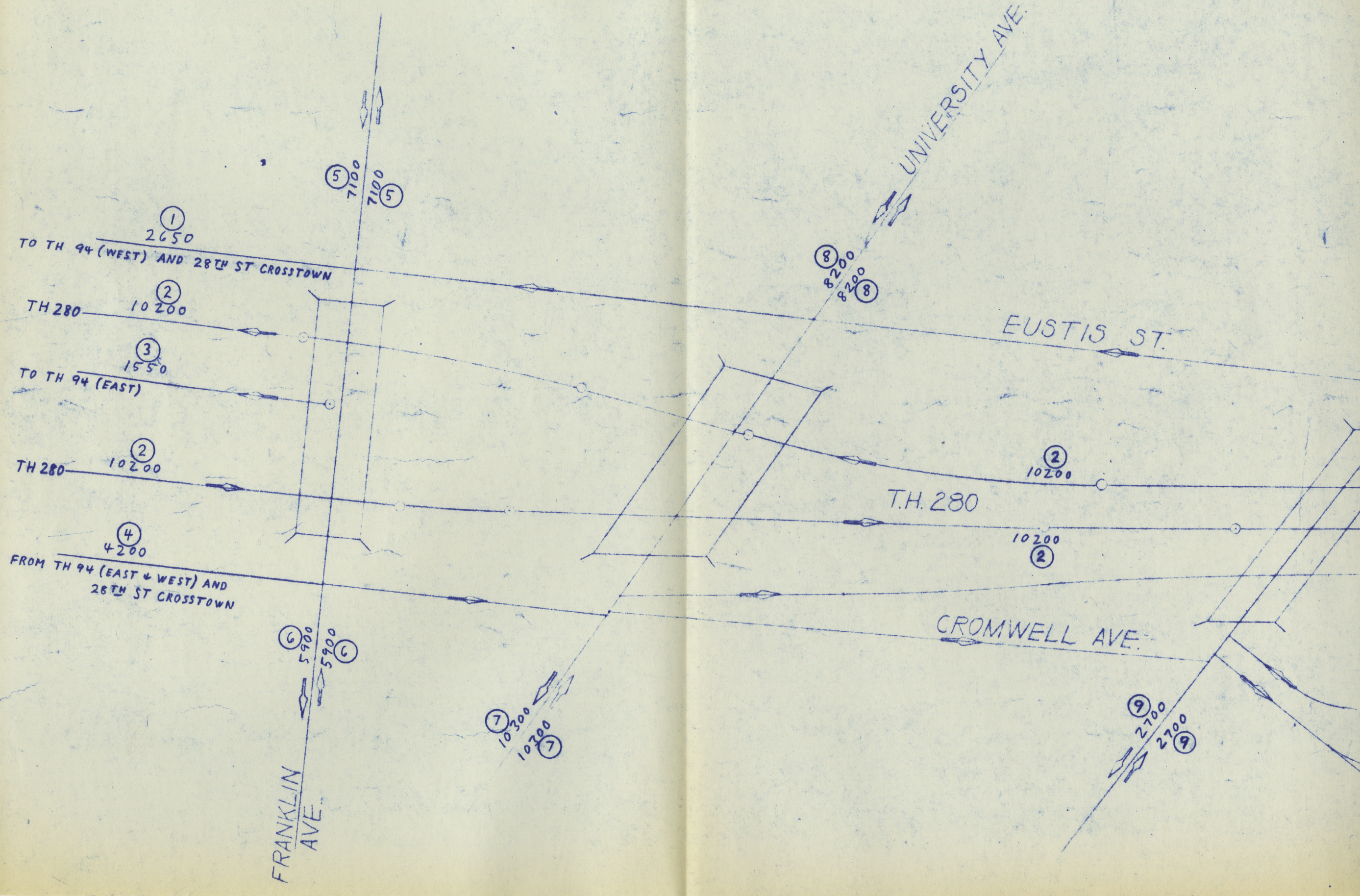
The basic data, method, and assumptions used in preparing this report are on page 6.

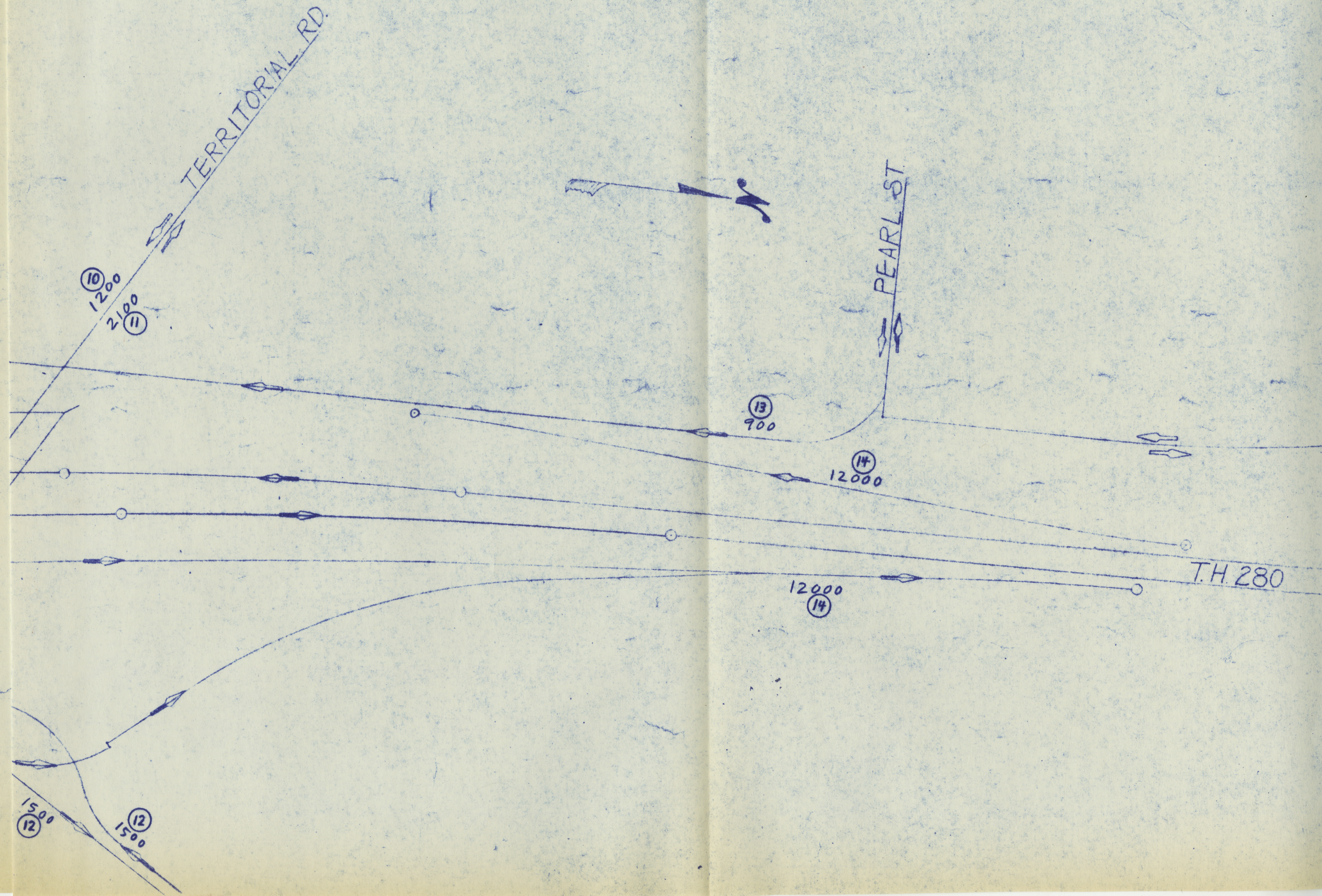
PH

Leon F. Bergmann

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
WORK MAP





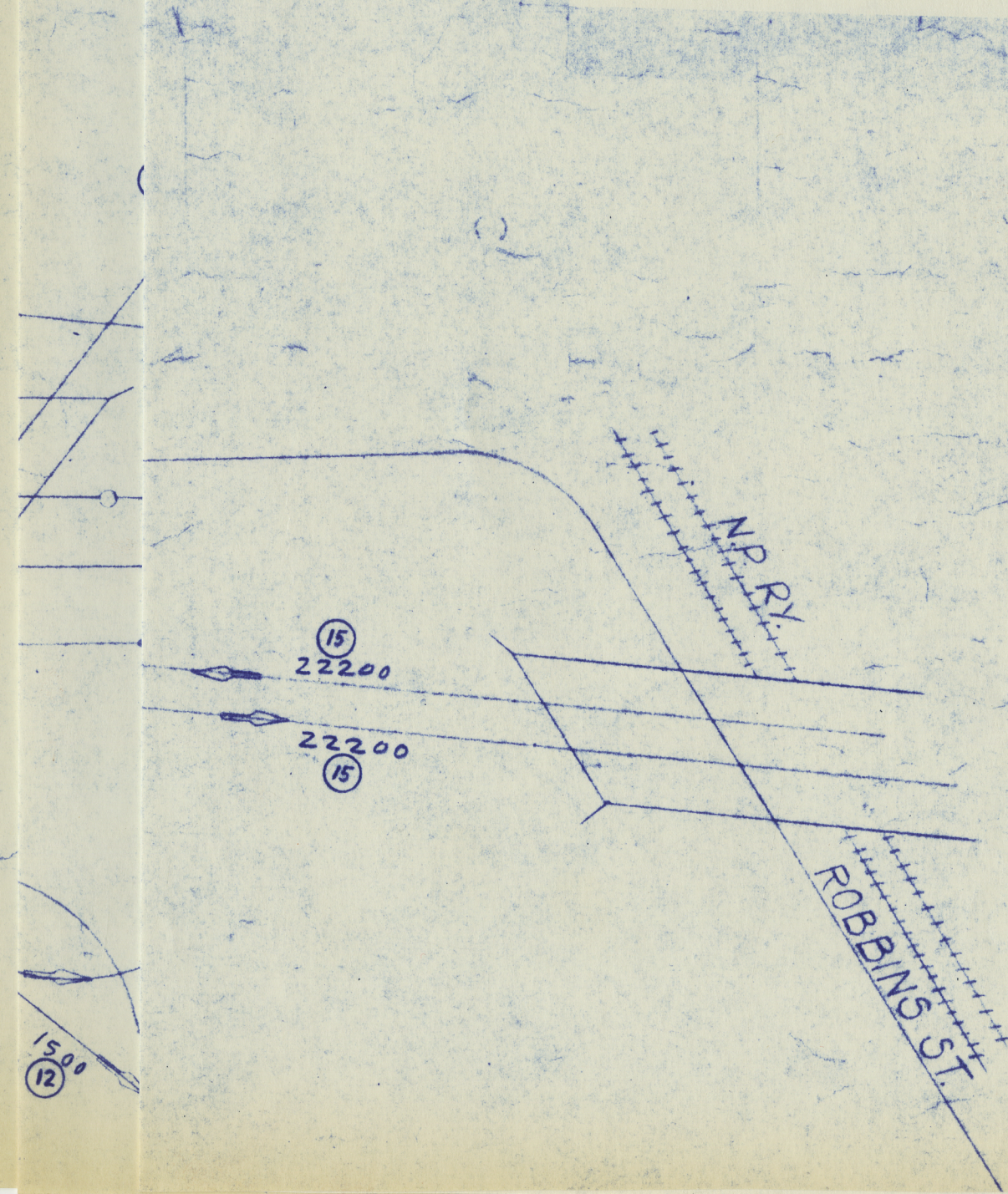


TAS 3084-14
T.H. 280
Franklin Ave. to N.P. R.R. Br.

Legend

Segment Number . . . ①
1985 ADT 2650

- 3 -



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 2

FOR

T.H. 280 S.P. 6242-17 LENGTH - MILES

COUNTY Ramsey LOCATION Franklin Ave. to

N.P. R.R. Br.

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	2420	9417	1429	3824	6416	5393	9166	7281	2561	1130	1981
1	88	179	43	145	298	221	445	396	78	37	64
2	34	72	19	53	55	41	81	74	15	7	11
3	10	50	7	17	25	19	36	34	6	3	4
4	26	84	15	41	66	50	96	88	11	5	10
5	48	308	22	81	166	120	246	221	20	10	17
6	24	90	15	39	74	56	230	106	9	8	13
TOTAL ADT	2650	10200	1550	4200	7100	5900	10300	8200	2700	1200	2100
TOTAL H. COMM. ADT	230	783	121	376	684	507	1134	919	139	70	119
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0= PASSENGER CARS AND 4 TIRE TRUCKS
1= SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2= SINGLE UNIT-3 AXLE TRUCKS
3= TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4= TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5= TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6= BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 2 OF 2

FOR

T.H. 280 S.P. 6242-17 LENGTH - MILES

COUNTY Ramsey LOCATION Franklin Ave. to

N.P. R.R. Br.

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 15 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15							
0	1406	850	11159	20654							
1	67	45	333	512							
2	10	5	92	164							
3	2	-	35	85							
4	4	-	92	176							
5	7	-	199	507							
6	4	-	90	102							
TOTAL ADT	1500	900	12000	22200							
TOTAL H. COMM. ADT	94	50	841	1546							
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0= PASSENGER CARS AND 4 TIRE TRUCKS
1= SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2= SINGLE UNIT-3 AXLE TRUCKS
3= TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4= TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5= TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6= BUSES AND TRUCKS WITH TRAILERS

Basic Data, Method and Assumptions

The System 14 1985 ADT and DHV for the project were transmitted in TAS 608-14 on July 16, 1968

The total heavy commercial volumes were determined by the System 14 computer assignment of HCA DT.

1992 volumes may be obtained by expanding the enclosed figures by 15 percent.

Vehicle classification counts recorded in the project area were used to develop the vehicle type distributions. These distributions were adjusted to 1992 values by use of a vehicle type trend study. The resulting distributions were applied to the System 14 heavy commercial totals.